



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.9810
Job Sheet 169366



Part No: 646.9810

Job Qty: 12 ea
10

Part Name: Deflector



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/8/17

Job Tracking No:

Due Date: 12/18/17 1/19/2018

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV A SHEETS 1,2,3 IPP REV:A NEW ISSUE 13/04/01 JFS VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	12 Ea		12/1/17	0.00	0.00	Start Up Machining-1		K 18-01-10
110	CNC Vertical Machining	12 pcs		12/4/17	0.49	28.57	HAAS1-1		MM 18-01-12
120	QC	12 pcs		12/4/17	0.00	0.00	QC2 Machining-1		MM 18-01-12
130	QC	12 pcs		12/4/17	0.00	0.00	QC8 Machining-1 SR #1116		FK 18-1-13
140	Outsource	12 pcs		12/18/17			ATG001-VC Outsource 104		AT 18/03/17
150	Packaging	12 pcs		12/18/17	0.00	0.00	Packaging2		AT 18/03/17
155	QC	12 pcs		12/18/17	0.00	0.00	QC5		6-9-89 MAR 08 2018
180	Packaging	12 pcs		12/18/17	0.00	0.00	Packaging3-1		6-9-89 MAR 16 2018
190	QC21-SA	12 Ea		12/18/17	0.00	0.00	QC21		6-9-89 MAR 16 2018

Part Op 110 - Billet size: 1.250" X 7.000" X 50.000" 1-Machine per folio FB162

Descriptions: 140 - Issue P/O to ATG : 038220 1- Black Anodize as per Dwg 646.9800

180 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

JAN 17 2017

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M7075T6S1.250X7.000	50	137	0	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Deflector	0.201Inches + 0.005 - 0.001	0.206 0.200	0.201	
2	Deflector	40.0Angle ± 0.5	40.5 39.5	40.0	
3	Deflector	0.187Inches ± 0.010	0.197 0.177	0.189	
4	Deflector	0.063Inches ± 0.010	0.073 0.053	0.063	
5	Deflector	45.0Angle ± 0.5	45.5 44.5	45.0	
6	Deflector	0.125Inches ± 0.010	0.135 0.115	0.125	
7	Deflector	1.150Inches ± 0.010	1.160 1.140		
8	Deflector	0.340Inches	0.340		

DART
AEROSPACE
S031080



Deflector

PART NO: 646.9810

Revision:

Operation:

Change No:

Start up Operation

Mfg Date: 01/10/18

Job No: 169366

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL: 1 613 632-5280
Email: sales@dartaero.com
www.dartaerospace.com

			+ 0.000	0.335
			- 0.005	
9	Deflector	0.800Inches	± 0.010	0.810
				0.790

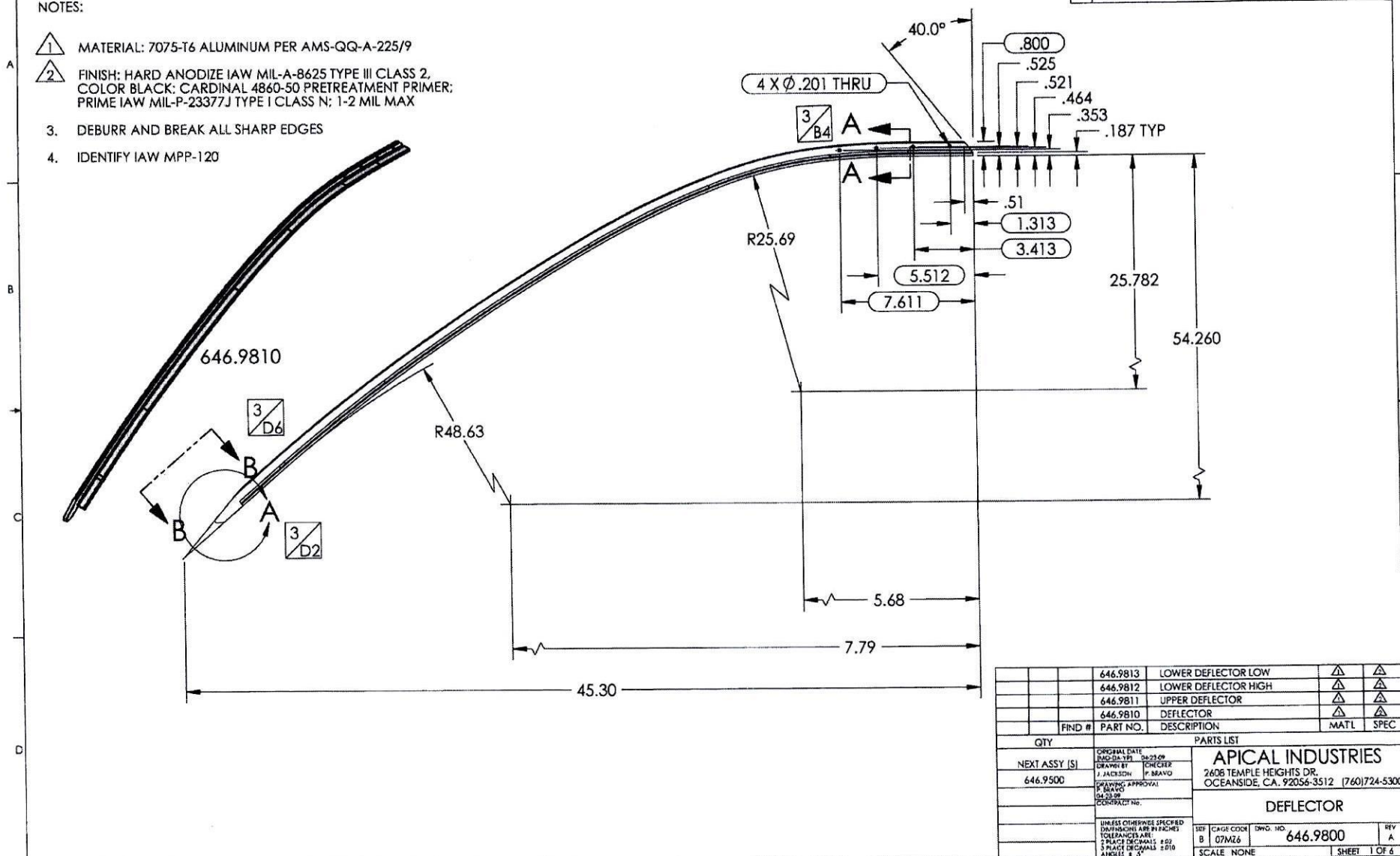
Plex 12/8/17 10:39 AM Dart.lajeunesse.marie

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NOTES:

- 1 MATERIAL: 7075-T6 ALUMINUM PER AMS-QQ-A-225/9
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III CLASS 2, COLOR BLACK; CARDINAL 4860-50 PRETREATMENT PRIMER; PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- 3 DEBURR AND BREAK ALL SHARP EDGES
- 4 IDENTIFY IAW MPP-120

REV.	DESCRIPTION	DATE	APPROVED
1	INITIAL RELEASE	04/23/09	P. BRAYO
2	INCORPORATED ECH 03020	03/19/13	P. BRAYO



DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



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PURCHASE ORDER PO038802

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	168018	646 3011	LH Half Issue P/O to ATG Hard Black Anodize and Prime as per Dwg 646 3000 RH Half Issue P/O to ATG	Firmed	1/31/18	4 pcs	0 pcs 4x	4 pcs AT (8/2/07)	\$11 38/pcs	\$45 52
8	168241	646 3711	Hard Black Anodize, Color Black and Prime as Per Dwg 646 3000 Clip Issue P/O to ATG	Firmed	1/31/18	12 pcs	0 pcs 12x	12 pcs AT (8/2/07)	\$7 23/pcs	\$86 76
9	168242	646 3712	Hard Black Anodize and Prime as per Dwg 646 3700 Rev. A Clip Issue P/O to ATG	Firmed	1/31/18	12 pcs	0 pcs 12x	12 pcs AT (8/2/07)	\$7 23/pcs	\$86 76
10	168243	646 3713	Hard Anodize, Color Black and Prime as Per Dwg 646 3712 Rev. A Gusset Issue P/O to ATG	Firmed	1/31/18	10 pcs	0 pcs 10x	10 pcs AT (8/2/07)	\$16 88/pcs	\$168 80
11	168244	646 3714	Hard Anodize, Color Black and Prime as per Dwg 646 3700 Gusset Issue P/O to ATG	Firmed	1/31/18	12 pcs	0 pcs 12x	12 pcs AT (8/2/07)	\$16 88/pcs	\$202 56
12	169366	646 9810	Hard Anodize, Color Black and Prime as per Dwg 646 3700 Rev. A Deflector Issue P/O to ATG	Firmed	1/31/18	10 pcs	0 pcs 10x	10 pcs AT (8/2/07)	\$48 38/pcs	\$483 80
13	168275	647 0113	Hard Black Anodize and Prime as per Dwg 646 9800 Rev. A Strut Doubler Issue P/O to ATG	Firmed	1/31/18	15 pcs	0 pcs 15x	15 pcs AT (8/2/07)	\$12 88/pcs	\$193 20
14	168285	647 1510	Hard anodize, Color Black and Prime as Per Dwg 647 0100 Rev. A Upper Deflector Issue P/O to ATG	Firmed	1/31/18	4 pcs	0 pcs 4x	4 pcs AT (8/2/07)	\$21 78/pcs	\$87 12
15	168293	647 1713	Hard Black Anodize and Prime as per Dwg 647 1500 Rev. D Spacer Issue P/O to ATG	Firmed	1/31/18	20 pcs	0 pcs 20x	20 pcs AT (8/2/07)	\$5 38/pcs	\$107 60

DAS
11
9-89

MAR 08 2018



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914684

Date: 28-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
10 ea	Part: 646.9810 Rev: A Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (.1 - 2 mils) per drawing. Job: 22381 PO: PO038802 Line: 12		
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>28/2/18</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
Made in Canada			